

Drug Metabolite Certified Reference Materials



Drug metabolites play a major role in identifying, confirming, and quantifying drugs of abuse. They are often the only remaining evidence of a rapidly metabolized drug, and their predictive fragmentation patterns provide much needed clues for identifying unknowns. Cayman Chemical offers Certified Reference Materials (CRMs) for many of the major metabolites of fentanyl and other illicit opioids, benzodiazepines, stimulants, and cannabinoids. Our CRMs meet ISO/IEC 17025 and ISO 17034 standards and are sold as quantitative solutions in sealed ampules.

ACCREDITED
ISO/IEC 17025 #AT-1773
ISO 17034 #AR-1774

Fentanyl Metabolite CRMs

Item No.	Product Name
ISO60130	Acetyl norfentanyl (hydrochloride) (CRM)
22700	4-ANPP (CRM)
19561	Butyryl norfentanyl (hydrochloride) (CRM)
25078	Cyclopropyl norfentanyl (hydrochloride) (CRM)
19559	Furanyl norfentanyl (hydrochloride) (CRM)
19736	β -Hydroxythiofentanyl (hydrochloride) (CRM)
20205	Isobutyryl norfentanyl (CRM)
22182	Norcarfentanil (hydrochloride) (CRM)
ISO60195	Norfentanyl (CRM)

Common fentanyl metabolites listed, parent compounds and their internal standards available online

Non-Fentanyl Opioid Metabolite CRMs

Item No.	Product Name
19418	6-Acetylmorphine (CRM)
18751	O-Desmethyl-cis-tramadol (hydrochloride) (CRM)
25986	Dihydromorphine (CRM)
ISO60146	Hydromorphone (CRM)
22661	Norhydrocodone (hydrochloride) (CRM)
25938	6 α -Oxycodol (CRM)
25987	nor-6 β -Oxycodol (CRM)
25941	6 β -Oxymorphol (CRM)
20471	N-desmethyl U-47700 (CRM)
24289	N,N-didesmethyl U-47700 (trifluoroacetate salt) (CRM)

Common non-fentanyl opioid metabolites listed, parent compounds and their internal standards available online

Benzodiazepine Metabolite CRMs

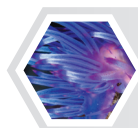
Item No.	Product Name
25517	α -hydroxy Alprazolam (CRM)
20225	7-Aminoclonazepam (CRM)
19053	7-Aminoflunitrazepam (CRM)
19293	7-Aminonimetazepam (CRM)
19698	Desalkylflurazepam (CRM)
18888	N-Desmethylclobazam (CRM)
23982	N-Desmethylflunitrazepam (CRM)
ISO60174	Nordiazepam (CRM)
ISO60173	Oxazepam (CRM)

Common benzodiazepine metabolites listed, parent compounds and their internal standards available online

Cannabinoid Metabolite CRMs

Item No.	Product Name
17771	AB-FUBINACA metabolite 3 (CRM)
19197	5-fluoro AMB metabolite 5 (CRM)
19107	5-fluoro AMB metabolite 6 (CRM)
18789	5-fluoro AMB metabolite 7 (CRM)
28187	4-fluoro MDMB-BUTINACA butanoic acid metabolite (CRM)
28232	4-fluoro MDMB-BUTINACA N-(4-hydroxybutyl) metabolite (CRM)
21667	(\pm)-11-hydroxy- Δ^9 -THC (CRM)
20754	(\pm)-11-nor-9-carboxy- Δ^9 -THC (CRM)
19431	THJ2201 N-(5-hydroxypentyl) metabolite (CRM)
17727	XLR11 N-(4-hydroxypentyl) metabolite (CRM)

Common cannabinoid metabolites listed, parent compounds and their internal standards available online



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